



CZECH SPACE

The Czech Republic has a long tradition in space activities and both Czech industry and academia build on it. Today we see that the Czech Space Sector is further developing its capacities and capabilities rapidly and is quite visible, especially in the frameworks of the European Space Agency (ESA) and the European Union.

As of 2012, Prague, the capital of the Czech Republic, hosts the seat of the EU Space Programme Agency (EUSPA) focussing on the exploitation, security and market development of space data and services in the fields of satellite navigation, Earth observation and satellite communication.

Regarding ESA, the Czech Republic became the 18th ESA Member State in 2008 and nowadays, the Czech industry and academia are developing their capabilities in ESA mandatory activities and optional programmes in Earth observation, satellite navigation, satellite communication, launchers, exploration, Space Safety and others.

Czech Space industry and academia in numbers

- 600+ space projects in ESA in which Czech entities have actively participated.
- 65+ companies cooperate directly with ESA and dozens as subcontractors.
- 50+ start-ups have been incubated in the ESA BIC business incubator.
- 25 Czech scientific institutes and universities.
- Participation in preparation of 3 launchers and 30+ ESA missions, with scientific, and also purely commercial objectives.

Main Areas of Interest of the Czech Space Sector



TECHNOLOGY



EXPLORATION



SCIENCE



APPLICATIONS



OPERATIONS



LAUNCHERS

Czech Space Capacities and Capabilities











Friendly Space Start-up Environment

The Czech Republic also has a remarkable number of space start-ups which bring new solutions and advanced technologies. Most of these startups are incubated through ESA BIC Czech Republic.

ESA BIC Czech Republic creates opportunities for space-related projects and re-purposing space technology. ESA BIC Prague was founded in 2016, and two years later, it was joined by a branch in Brno. Both branches provide an incubation program for up to 2 years. The program includes financial support (50 000 EUR) and professional business and technical mentoring.

53 start-ups supported

- 
Satellite navigation and communication
- 
Earth observation
- 
New Space
- 
UAVs
- 
Technology transfer
- 
Ground segment
- 
Simulation software
- 
Analogue missions



Czech Republic
Ministry of Transport



CZECH
SPACE
TEAM

Since 2011, the Ministry of Transport of the Czech Republic is the coordinator of all space activities in the Czech Republic.

Czech Space Team is an active group of public institutions supporting space activities in the Czech Republic. These are mainly the Ministry of Transport of the Czech Republic, the CzechInvest Agency and Planetum - Observatory and Planetarium of the city of Prague.



CZECH SPACE DIRECTORY
Overview of the Czech space industry,
academia and start-ups